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MEDICAL DEPARTMENT
State University of Iowa

ANNOUNCEMENT.

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TWENTIETH ANNUAL ANNOUNCEMENT

OF THE

MEDICAL DEPARTMENT

OF THE

STATE UNIVERSITY OF IOWA

AT

IOWA CITY, IOWA,

1889-90.

PUBLISHED BY THE UNIVERSITY.

1889.

MEDICAL DEPARTMENT CALENDAR.

September 11th, 1889,—Session begins.

December 20th, 1889,—Holiday vacation begins.

January 2d, 1890,—Holiday vacation ends.

March 12th, 1890,—Commencement.

FACULTY.

CHARLES A. SCHAFER, PH. D.,

President.

W. F. PECK, A. M., M. D.,

Dean of the Faculty, and Professor of Surgery and Clinical Surgery.

P. J. FARNSWORTH, A. M., M. D.,

Professor of Materia Medica and Diseases of Children.

JOHN C. SHRADER, A. M., M. D.,

(Member of Iowa State Board of Health.)

Professor of Obstetrics and Gynecology, and Clinical Gynecology, and Lecturer on Sanitary Science and Public Hygiene.

W. D. MIDDLETON, A. M., M. D.,

Professor of Theory and Practice of Medicine, and Clinical Medicine.

RICHARD W. HILL, M. D.,

Professor of Physiology and Microscopic Anatomy, Secretary of the Medical Faculty, and Assistant to the Professor of Surgery.

CHARLES A. SCHAEFFER, PH. D.,

Professor of Chemistry and Toxicology.

LAWRENCE W. LITTIG, A. M., M. D., M. R. C. S.,

Professor of Anatomy.

C. M. HOBBY, M. D.,

Lecturer on Ophthalmology and Otology.

S. S. LYTLE, M. D.,

Prosector to the Chair of Anatomy.

FRED GILMAN,

WALTER C. DUNTON, A. M.,

Lecturers on Medical Jurisprudence.

ALBERT REYNOLDS, M. D.,

(Late Superintendent of the Hospital for the Insane at Independence.)

Lecturer on Insanity.

A. C. PETERS, M. D.

Demonstrator of Anatomy, Curator of the Medical Museum, and Assistant Secretary of the Faculty.

WILLIAM GREEN,

Janitor.

Board of Medical Examiners, 1889.

Dr. J. P. Guthrie,	Dubuque, Ia.
Dr. J. L. Pifer,	Newton, Ia.
Dr. C. H. Morse,	Eagle Grove, Ia.
Dr. George Kessel,	Cresco, Ia.
Dr. A. F. Barfoot,	Decorah, Ia.

ORDER OF PUBLIC EXAMINATION.

MARCH 11TH AND 12TH, 1889.

MARCH 11TH—TUESDAY.

A. M.

9.00–10.30—Chemistry.

10.30–12.00—Materia Medica.

P. M.

2.00–3.30—Physiology.

3.30–5.00—Obstetrics.

7.00–9.00—Anatomy.

MARCH 12TH—WEDNESDAY.

A. M.

9.00–10.30—Practice of Medicine.

10.30–12.00—Surgery.

P. M.

2.00–6.00—Faculty Meeting.

8.00–10.00—Commencement.

The above order of Examination was observed at the Commencement 1889.

Medical Alumni Association.

The annual meeting is held in the amphitheatre of the Medical Department at two o'clock P. M. on the day of Commencement.

Every graduate of the Department is requested to send his or her name and address to the Secretary for enrollment.

OFFICERS, 1888–89.

<i>President,</i>	Dr. M. B. MOON, Iowa City, Iowa.
<i>Vice-President,</i>	Dr. LIZZIE HESS, Iowa City, Iowa.
<i>Secretary,</i>	Dr. S. S. LYTLE, Iowa City, Iowa.

Medical Department.

For the purpose of increasing the facilities for medical instruction the Board of Regents have decided to extend the course to SIX MONTHS, and to require attendance on THREE ANNUAL SESSIONS, of all candidates for the degree of DOCTOR OF MEDICINE.

The twentieth annual course of lectures will begin September 11th, 1889, and continue six months, closing in March, 1890.

There will be a holiday vacation commencing Friday evening, December 20th, and ending Thursday evening, January 2d.

The course will be divided into three years, Junior, Middle and Senior.

The lectures for the Junior Year will be on Anatomy, Physiology, Materia Medica, Chemistry and Histology, with Microscopical work.

For the Middle year, Anatomy, Physiology, Materia Medica, Chemistry, Surgery, Practice of Medicine and Obstetrics.

For the Senior year, Surgery, Practice of Medicine, Obstetrics, Ophthalmology and Otology, Diseases of Children, Mental Diseases, Medical Jurisprudence and Medical Diagnosis, Chemical Laboratory work in Toxicology.

Practical Anatomy in Junior and Middle years.

Chemical Laboratory work in Junior year.

Medical, Surgical, Eye and Ear and Gynecological Clinics, each week during the term—attendance required of all students.

Students from other accredited colleges who have attended one course of lectures, will be admitted to the Middle class.

Those who have attended two courses, will be admitted to the Senior class, and will be examined in all the principle branches at the end of the third year.

Students who have begun the two years course in this department, may take the full course for 1889-90, and present themselves for final examination and graduation at the end of the term.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures, and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation, by the employment of experiments upon living animals as a means of demonstration.

Histology will be taught principally in the laboratory, the Chair having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

In the course of lectures on chemistry, special stress is laid upon physiological chemistry; the study of the chemistry of the secretions, excretions, and vital processes being regarded as most essential; the study of the principles of general chemistry being made introductory and subordinate to that phase of the subject which more immediately concerns the medical practitioner.

MATERIA MEDICA.

This branch is taught by lectures and examinations in a general and practical manner, illustrated by a well selected cabinet of crude drugs and officinal preparations. Special attention is also given to therapeutics, and to the latest advances made in that department.

PRACTICE OF MEDICINE.

The Chair of Theory and Practice of Medicine combines didactic and clinical instruction. Many of the subjects treated of in the didactic course find illustration in the hospital amphitheatre, and pathological study is facilitated by post mortem examinations, as well as by wet and dry preparations from the museum.

MEDICAL DIAGNOSIS.

Recitations by the advanced classes will be held each week on this subject, the department of medical diagnosis receiving practical treatment here as well as at the clinic.

SURGERY.

The Chair of Surgery will combine thorough practical, theoretical, pathological, and clinical teaching. All candidates for final examination are required to perform upon the cadaver such operations as are made upon the living subject; likewise to assist at clinics and in the hospital. Thorough attention will also be given during the entire session to the practical adaptation of bandages, splints, and surgical dressings.

OBSTETRICS AND GYNECOLOGY.

The instruction in these important departments is complete. All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetric operations.

PRACTICAL ANATOMY.

The thorough study of this branch, for at least two courses, is made a condition of graduation. Facilities for obtaining material are such, under improved legislation in the state, that an abundance will always be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operation of this department of the school may be successfully carried on, all students are required to take out the demonstrator's ticket prior to October 1st.

OPHTHALMOLOGY AND OTOTOLOGY.

The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology, and pathology of the regions involved, and the Wednesday clinic is devoted to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics, and a great many operations of all kinds are performed.

MEDICAL JURISPRUDENCE.

The essentials, to the practitioner, of this important department of medicine will be fully treated.

INSANITY.

This subject is discussed as concisely as possible, with the special needs of the general practitioner constantly in view, and material appearing at the clinics from time to time during the term, utilized in its illustration. These lectures will be delivered during the latter part of January.

SANITARY SCIENCE AND PUBLIC HYGIENE.

Prof. Shrader will deliver one lecture a week, during the fall term, on matters pertaining to Sanitary Science and Public Hygiene.

CLINICS.

The clinics have been well and abundantly supplied with material. The patronage of the hospital is so large that a great variety of cases is presented for operation and treatment.

Every case is fully utilized as a means of instruction, by a system of examination, in which advanced students are required to diagnosticate disease and suggest treatment, before the class, subject to the amendments of the clinical teacher.

DENTISTRY.

A number of lectures on the general science of Dentistry will be given during the term, by a member of the Dental Faculty.

THE HOSPITAL.

In consequence of the increase in the number of students, and the growing demand for hospital accommodation, the Sisters of Mercy have purchased one of the largest and finest mansions of Iowa City, to which they have added four large hospital wards, which afford room for one hundred beds, besides leaving a number of choice private rooms for such patients as may prefer to occupy separate apartments. The building is of brick, beautifully located, warmed throughout with steam, lighted with gas, and well supplied with water and sewerage.

PRACTICAL CHEMISTRY.

The chemical laboratory furnishes facilities for such work as is adapted to the needs of medical students. The chemical instruction includes the general principles of the science and sufficient actual practice to bring those principles home to the mind and render them available. A series of practical exercises in the analysis of normal and pathological urine, and of urinary calculi, conclude the required portion of the course.

DAILY EXAMINATIONS.

Instruction is kept continually in thorough review by a system of daily class examinations, in which the student is examined on previous lectures, and his standing in such examination is recorded for future reference.

FINAL PUBLIC EXAMINATIONS.

In the absence of any legislation on the subject in the state of Iowa, the Faculty of this department has ever recognized the right of the medical profession of the state to an investigation of the qualifications of all its students. Accordingly there is always appointed by the Board of Regents of the University, an examining committee from the membership of the State Medical Society, who direct and take part in the examination of all applicants for graduation during the two days preceding the close of the session.

No student can graduate from the department without receiving the recommendation of the Committee on Examinations.

MUSEUM.

The museum contains a large and interesting collection of morbid and other specimens, furnishing a valuable aid to instruction in its large amount of material illustrative of pathological and normal conditions. This is constantly drawn upon as a means of demonstration.

Physicians are earnestly requested to send to the curator any specimens of healthy, morbid, or comparative anatomy—for all of which favors due credit will be given by labelling the specimens with the name of the donor before placing them in the Museum.

THE MEDICAL LIBRARY.

The Ranney Memorial Medical Library, consisting of a large number of works especially devoted to insanity and mental diseases, is open for consultation, together with a well-selected list of books on general medical subjects, to which are added, each year, the latest works and the latest editions. The library adjoins the reading room and will be open every day of the session. The reading room is supplied with the current Medical Journals.

Medical students have also the privilege of drawing books from the general library of the University.

PROGRAMME OF LECTURES, CLINICS, ETC.

JUNIOR YEAR.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9 to 10	Chemistry.		Chemistry.	Materia Medica.	Histology and Microscopy.	
10 to 11	Physiology.	Pharmacy.	Physiology.	Anatomy.		Anatomy.
11 to 12	Anatomy.		Anatomy.	Materia Medica.		
1 to 2	Medical Clinic.	Chemical Laboratory.	Eye and Ear Clinic.		Surgical Clinic.	Gynecological Clinic.
2 to 3				Materia Medica.		
3 to 4						

7 to 9 P. M., Practical Anatomy.

MIDDLE YEAR.

	MONDAY.	TUESDAY.	WEDNESD'Y	THURSDAY.	FRIDAY.	SATURDAY.
9 to 10	Chemistry.	Practice.	Chemistry.	Materia Medica.	Surgery.	Obstetrics.
10 to 11	Physiology.	Obstetrics.	Physiology.	Anatomy.	Obstetrics.	
11 to 12	Anatomy.	Practice.	Anatomy.	Materia Medica.	Surgery.	Chemistry.
1 to 2	Medical Clinic.	Chemical Laboratory.	Eye and Ear Clinic.	Materia Medica.	Surgical Clinic.	Gynecologic'l Clinic.
2 to 3				Surgery		
3 to 4	Practice.					

7 to 9 P. M., Practical Anatomy.

SENIOR YEAR.

	MONDAY.	TUESDAY.	WEDNESD'Y	THURSDAY.	FRIDAY.	SATURDAY.
9 to 10	Chemical Analysis.	Practice.	Medical Jurisprudence.	Diseases of Children.	Obstetrics.	Obstetrics.
10 to 11			Mental Diseases.		Surgery.	Ophthalmology.
11 to 12	Toxicology.	Practice.		Bandaging.	Obstetrics.	Diseases of Women.
1 to 2	Medical Clinic.	Medical Diagnosis.	Eye and Ear Clinic.	Surgery.	Surgical Clinic.	Gynecological Clinic.
2 to 3						
3 to 4	Practice.			Surgery.		

RECITATIONS, REVIEWS, ETC.

Histology and Microscopical Anatomy, for Juniors, Friday, from 9 A. M. to 12 M.

Chemical Analysis, for Seniors, Monday, from 9 A. M. to 12 M.

Review of Materia Medica, for Middle Class, Thursday, from 3 to 4 P. M.

Recitation in Anatomy, for Middle Class, Tuesday, from 3 to 4 P. M.

Bandaging and Surgical Dressing, for Seniors, Thursday, from 11 A. M. to 12 M.

Recitations and review in Obstetrics, for Seniors, Friday, from 3 to 4 P. M.

A course of lectures on Hygiene will be given before the Holidays, Thursday, from 2 to 3 P. M.

Medical Diagnosis for Seniors, Tuesday, from 1 to 2 P. M.

The time for Lectures on Medical Jurisprudence and Mental Diseases will be definitely announced in the early part of the session.

Any changes made in this programme will be announced at the opening of the term.

TEXT BOOKS AND BOOKS OF REFERENCE.

These can be obtained at the bookstores in Iowa City. Average cost, per volume, from \$3.00 to \$5.00.

The following are recommended by the Faculty:

Anatomy—Gray, Quain, Holden, Weiss.

Physiology—Flint, Dalton, Foster, Kirke.

Chemistry—Roscoe and Schorlemmer, Fownes, Fresenius, Atwood, Barker, Crafts.

Urine Analysis—Neubauer and Vogel, Hoffman and Ultzmann, Marshall and Smith (Casselmann.)

Toxicology—Wormley, Dragendorff, Sonnenschein, Woodman and Tidy.

Surgery—Bryant, Hamilton, Holmes, Agnew, Billroth, Gross, Stephen Smith.

Practice of Medicine—Flint, Bartholow, Loomis, Da Costa's Medical Diagnosis, Strümpel.

Obstetrics—Lusk, Parvin, Leishman, Playfair, Cazeaux, Hodge.

Gynecology—Thomas, Byford, Emmett, Goodell, Hewitt, Munde, Winckle.

Materia Medica and Therapeutics—United States Dispensatory, Bartholow, Wood, Mann's Prescription Writing.

Diseases of Children—Semple, J. L. Smith, Day.

Medical Jurisprudence—McClelland's Civil Malpractice, Wharton and Stille, Beck, Elwell.

Microscopic Anatomy—Stricker, Beale, Frye, Satterthwaite.

Ophthalmology—Mittendorf, Stellwag, Nettleship, Alt, Wells.

Otology—Roosa, Politzer.

Insanity—Bucknill and Tuke, Hammond, Spitzka, Ross.

It is of far greater advantage to the student, during his collegiate course to study and review a single text-book in each department than to read several cursorily. It is, therefore, advised that a single work in each department, recommended above, be chosen and carefully studied, while any others may be used for reference and subsequent perusal.

FEES.

Lectures for each yearly session,	\$20 00
Matriculation fee, paid but once,	5 00
Demonstrator's ticket, ,	10 00
Examination fee (for final examinations),	25 00
Hospital ticket,	3 00
No charge for material for dissection.	

Students taking the chemical laboratory course will be charged the sum of \$5.00 to cover breakage and cost of chemicals used.

By order of the Board of Regents, no student will be enrolled until all necessary fees have been paid.

All fees must be paid, at the beginning of the session, to the Secretary of the University, Wm. J. Haddock.

The Faculty ticket will be issued only on presentation of the Secretary's receipt.

Alumni of this department will be admitted to lectures and clinics free of charge.

Graduates of colleges which are recognized by this department will be admitted to full privileges upon the payment of \$10.00, exclusive of matriculation fee.

A certificate of time of attendance and of preliminary examination is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this department are valueless unless accompanied by such certificates.

Students, on arrival, will apply for all needed information to the Secretary of the Faculty, Dr. R. W. Hill.

EXAMINATION FOR ADMISSION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant presents a diploma of a literary or scientific college or a certificate of having passed the entrance examination of such an institution, or a certificate of graduation from a high school or academy, such diploma or certificate may be accepted in lieu of an examination; but the Faculty reserves the right in all cases to examine the applicant on his knowledge of the use of the English language.

Candidates not presenting certificates must pass an examination before a committee of the Faculty, as follows: A written composition not to exceed a page of foolscap, on a given subject, which will be a test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, geography, and elementary physics, or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

- 1st. The candidate must be twenty-one years of age;
- 2d. Of unexceptional moral character, and

3d. He must have been engaged in the study of medicine for three years under the direction of a regular practitioner in good standing.

4th. The time of study must include attendance on at least three courses of lectures, the last of which must be taken in this institution.

5th. The candidate must have satisfactorily completed at least two courses in practical Anatomy.

6th. The deportment during the term must have been unexceptional; and

7th. Attendance upon all lectures, clinics and other instruction in the course must have been in accordance with the requirements of the department.

8th. Members of the Junior class will be examined in Histology at the end of that year.

9th. Members of the Middle class, at the end of that year, must pass satisfactory examinations in Anatomy, Physiology, Materia Medica and Chemistry, for which the fee of ten dollars must be paid before examination.

In case of failure to pass these examinations no part of the fee will be returned, but the student may be re-examined at the end of the Senior year.

Students of the Senior class must notify the Secretary of the Faculty, in writing, during the second week of February, of their intention of becoming applicants for the degree of Doctor of Medicine, at the same time presenting the final examination fee of \$15 and a certificate of legal age and good moral character.

During the last week of the term, having complied with the other requirements, they must pass a satisfactory examination in Surgery, Practice of Medicine and Obstetrics, and in any other subjects taught, if so directed by the Faculty, at the beginning of the term.

In case of failure to pass these examinations, fifty per cent. of the examination fee will be returned.

THE MEDICAL BUILDING

Is located on the south end of the campus, in a line with the other University buildings. It is one of the best and most commodious medical college buildings in the west. It comprises a basement for general purposes, the first floor containing the Secretary's office, the janitor's and professors' rooms, a museum, library, recitation rooms, and a students' waiting and reading room.

On the second floor is a spacious and well lighted amphitheatre, having accommodations for four hundred students; a physiological laboratory supplied with a sufficient number of microscopes for class-work, and with other appliances; a chemical laboratory of large size, with all necessary apparatus; prosector's room and general faculty room.

The whole of the third floor (80x36 feet) is used as a dissecting room, is supplied with sinks and water, and each table is lighted with gas.

The whole building is heated with steam and is well ventilated.

Board in Iowa City can be obtained for from \$2.00 to \$3.00 per week; rooms, from \$1.00 to \$4.00 per month. Many students procure rooms and board in clubs, which materially reduces the cost.

Graduates of this school are requested to immediately acquaint the Secretary of the Faculty, Dr. Hill, with their post-office address, and to inform him promptly of any change of residence.

For any further information, or for full announcements, address the Secretary, Dr. R. W. Hill, Iowa City.

GRADUATES, MARCH 6TH, 1889.

GRADED COURSE.

C. P. Coulson,
Stacy B. Dimond,
Edward Elisha Dorr,
Ed. Embree,
Alfons L. Hageboeck,
Isaiah W. Haughey,
John C. Lewis,
Hugh Mullarky, Jr.,

James Frederick Presnell,
Edwin Forest Price,
George S. Robb,
Lewis A. Rodgers,
L. Matt Shaw,
James Calvin Smith,
John D. Wolfe,
Noah Wymore.

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NON-GRADED COURSE.

Albert H. Andrews,
Matthew H. Blackburn,
William T. Carson,
Fred Alonzo Cogswell,
John C. Demison,
Douglas W. Detwiler,
Frank B. Dodd,
Bert C. Dunkelberg,
John Edward Garver,
Samuel Thomas Gray,
Hamilcar Greenland,
Arthur Isaac Groves,
J. Fields Hasty,

Thomas A. Hobson,
Edward L. Kerns,
George W. Lott,
John Frank Newell,
Fred Willard Powers,
George F. Puffett,
Newton D. Ray,
Albert E. Scofield,
W. A. Scott,
Almon S. Shafer,
Joseph Claybaugh Smith,
Charles Chase Walsh,
Asa O. Wyland.

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The address for the Faculty at the Commencement exercises was delivered by the Hon. James M. Love, Chancellor of the Law Department.

MATRICULANTS.

GRADED STUDENTS.

THIRD YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Coulson, C. P.,	Iowa.	J. B. Carder.
Dimond, S. B.,	"	A. J. Hobart.
Dorr, E. E.,	"	Faculty.
Embree, Ed.,	"	J. D. McCleary & Son.
Hagan, Jas. H.,	"	Faculty.
Hageboeck, A. L.,	"	W. F. Peck.
Haughey, I. W.,	"	Ed. T. Printz.
Lewis, J. C.	"	R. W. Hill.
Mullarky, Hugh, Jr.,	"	W. J. Mullarky.
Pressnell, J. F.,	"	E. F. Clapp.
Price, Ed. F.,	"	L. M. Thomas.
Robb, G. S.,	"	D. Langan.
Rodgers, L. A.,	"	D. A. Hurst.
Shaw, L. Matt.,	Nebraska.	T. M. Hayden.
Smith, James C.,	Iowa.	Faculty.
Wolfe, Jno. D.,	"	J. C. Shrader.
Wymore, N.,	"	J. Cal Williams.

SECOND YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Anderson, Albert,	Iowa.	Faculty.
Bradley, C. C.,	Kansas.	L. H. Munn.
Breen, Miss M. A.,	Iowa.	Faculty.
Burbank, F. E.,	"	Faculty.
Cherry, A.,	"	W. C. Weightman.
Horton, Fred,	Nebraska.	T. B. Young.
Hull, A. G.,	Iowa.	Faculty.
Jones, G. W.,	"	N. J. Jones.
Lee, D. R.,	Pennsylvania	W. H. Myers.
Ludewig, W. H.,	Iowa.	J. K. Kulp.
Mingus, F. M.,	"	L. J. Leach.
Nestor, R. J.,	"	H. A. Powers.
Talbott, J. C.	New Mexico	M. Lottridge.
Wallace, J. E., B.S.	Iowa.	A. J. Hobson.

FIRST YEAR.

NAME.	RESIDENCE,	PRECEPTOR.
Adair, W. S.	Iowa.	Adair & Beck.
Barewald, C. L.	"	Faculty.
Beane, A. A.	"	Faculty.
Beede, S. C.	"	Faculty.
Berry, P. J.	"	F. F. Carl.
Bones, J. M.	"	S. W. Clark.
Comer, J. J.	Dakota.	Faculty.
Conroy, H. H.	Iowa.	Faculty.
Devine, J. P.	"	N. J. Jones.
Folsom, A.	Nebraska.	S. O. Whalley.
Hagens, G. J.	Iowa.	B. F. Keables.
Harriman, J. W.	"	Harriman & Krebs.
Holman, C. W.	"	Faculty.
Holson, R. R.	"	Faculty.
Jayne, R. A.	"	Faculty.
Jungblut, H. C.	"	Faculty.
Keables, H. F.	"	B. F. Keables.
La Force, W. B.	"	D. A. La Force.
Langan, J. C.	"	D. Langan.
Long, C. S.	Nebraska.	J. T. Armstrong.
Lopp, Frank	Iowa.	Faculty.
Marsh, W. E.	"	Faculty.
Maytum, W. J.	"	Faculty.
McGrath, W. C.	"	C. H. Morse.
Meddaugh, L. A.	"	Faculty.
Morgan, W. G.	"	A. W. Morgan.
Rice, Earl	Minnesota.	Faculty.
Roche, J. J.	Iowa.	A. W. Cantwell.
Rogers, F. L.	"	D. S. Grossman.
Rohlf, W. A.	"	W. D. Middleton.
Sams, J. H.	"	G. A. Marietta.
Schiltz, N. C.	"	T. T. Blaze.
Smythe, G. E.	Colorado.	A. L. Fugard.
Stover, B. H.	Iowa.	Faculty.
Strobehn, E. H.	"	W. F. Peck.
Thornburg, M. W.	"	J. B. Gardner.
Treynor, V. L.	"	J. M. Barstowe.
Underburg, E. C.	Nebraska.	W. L. Bowman.

NON-GRADED STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	PRECEPTOR.
Andrews, A. H.,	Kansas.	L. G. Rhodes.
Blackburn, M. H.,	Nebraska.	C. S. Boggs.
Carson, W. T.,	"	J. T. Steele.
Cogswell, F. A.,	Iowa.	E. M. Keyes.
Dennison, J. C.,	"	A. W. Morgan.
Detwiler, D. W.,	"	Joshua Richardson.
Dodd, F. B.,	"	O. B. Dodd.
Dunkelberg, B. C.,	"	D. W. Crouse.
Garver, J. E.,	"	R. A. Dunkelberg
Gray, S. T.,	"	C. S. Knox.
Greenland, H.,	"	Wm. Gutch.
Groves, A. I.,	"	I. H. Guinn.
Hasty, J. F.,	"	L. S. Groves.
Hobson, T. A.,	"	H. E. W. Barnes.
Hoff, A. W.,	"	A. J. Hobson.
Kerns, E. L.	"	Faculty.
Lott, G. W.,	Illinois.	L. D. Dunn.
Newell, J. F.,	Iowa.	G. A. Pruitt.
Powers, F. W.,	"	D. A. La Force.
Puffett, G. F.,	"	J. L. Powers.
Ray, N. D.,	"	N. S. Craig.
Scotfield, A. E.,	"	A. K. Berry.
Scott, W. A.,	"	I. H. Phillips.
Shafer, A. S.,	"	W. A. Yohn.
Smith, Joseph C.,	"	J. E. Gilmore.
Walsh, C. C.	"	I. D. Payne.
Wyland, A. O.,	Oregon.	J. N. Smith.
	Wisconsin.	W. H. Byrd.
	Iowa.	R. F. Brown.
		J. M. Wyland.

—27.

JUNIOR CLASS.

Barthell, J. F.,	Iowa.	Faculty.
Beavis, Rev. A. J., M. S.	"	Faculty.
Belt, A. L.,	"	M. L. Allen.
Carson, A.,	"	J. J. Williams.
Chaffin, W. F.,	Illinois.	W. R. McGuffin.
Conroy, E. M.,	Iowa.	D. C. Brockman.
Dennis, E. G.,	"	C. W. Dennis.
Dobson, G. H.,	"	M. L. Allen.
Fountain, C. B.,	"	T. S. Kepler.
Hawley, H. C.,	"	W. A. Hawley.

NAME.	RESIDENCE.	PRECEPTOR.
Hazard, A. S.,	Illinois.	O. H. Barthell.
Higbee, O. F.,	Iowa.	M. B. Moon.
James, Miss Bessie,	"	Deloss Hurlbut.
Lessenger, W. S.,	"	A. W. McClure.
Loomis, F. E.,	"	S. E. Robinson.
Malin, E. C.,	"	Wm. Ott.
Pinney, Mrs. E. P.,	Kansas.	J. C. Shrader.
Potter, J. A.,	Iowa.	W. M. Tigner.
Stoddard, C. N.,	"	T. S. Kepler.
Stoutenberg, L.	"	R. D. Wilkins.
Whitmire, W. L.	Illinois.	Jas. S. Whitmire.
Whitmire, Z. L.,	"	Z. H. Whitmire.
Whitney, Wm. E.,	Iowa.	M. Underwood.

—23.

SPECIAL STUDENTS.

Brunt, W. M.	Iowa.	Faculty.
Hinchman, J. J.,	"	Faculty.
Lloyd, F. W.,	"	Frederick Lloyd.

—3.

Total Matriculants,

—122.



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